

Power distribution device for motor vehicles

Publication number: JP2001505847T

Publication date: 2001-05-08

Inventor:

Applicant:

Classification:

- International: B60R16/03; B60K25/00; B60L15/20; H02J7/14;
B60R16/02; B60R16/03; B60K25/00; B60L15/20;
H02J7/14; B60R16/02; (IPC1-7): B60R16/02; H02J7/14

- European: B60K25/00; B60L15/20E; H02J7/14F

Application number: JP19990522941T 19980930

Priority number(s): DE19971045849 19971016; WO1998DE02890
19980930

Also published as:

WO9921261 (A1)

EP0944946 (A1)

US6208931 (B1)

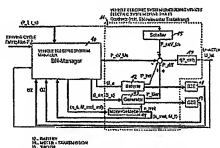
EP0944946 (A0)

DE19745849 (A1)

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Abstract not available for JP2001505847T
Abstract of corresponding document: DE19745849

The device has a generator which is driven by the engine and supplies an on-board network with at least one battery and a number of loads. A controller (10) receives information from the network and engine required to determine the control and/or regulation parameters for corresponding network and engine components. The controller performs power management and distributes power between the network and engine according to defined requirements and taking into account the condition that the desired network voltage (U_N) lies within defined limits



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